

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084768.D
 Acq On : 3 Feb 2016 2:59
 Operator : SJ/IZ
 Sample : H1287-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B024(5-7)

Quant Time: Feb 03 03:46:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

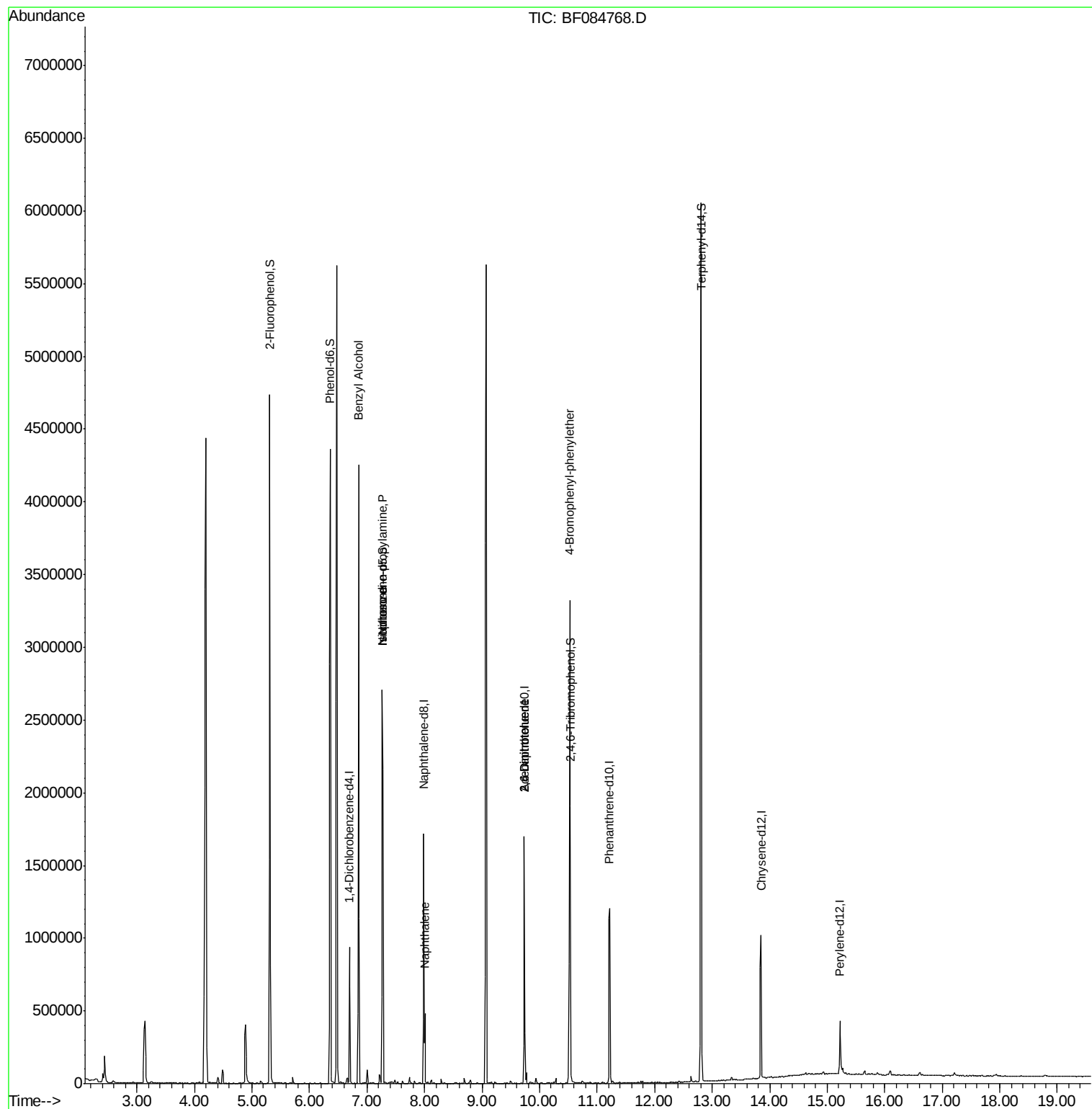
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	180383	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	772339	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	319601	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	652450	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	460370	20.00	ng	-0.02
86) Perylene-d12	15.22	264	122278	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1365000	117.87	ng	0.00
7) Phenol-d6	6.36	99	1781427	124.08	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1270037	92.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	578516	173.54	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	2290757	-20.00	ng	-0.02
78) Terphenyl-d14	12.81	244	2035940	100.21	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.85	79	21147	2.13	ng	# 46
19) n-Nitroso-di-n-propylamine	7.26	70	168584	18.73	ng	# 68
25) Isophorone	7.26	82	1128947	42.35	ng	# 66
31) Naphthalene	8.01	128	231150	5.97	ng	97
50) 2,6-Dinitrotoluene	9.73	165	41354	7.78	ng	# 38
56) 2,4-Dinitrotoluene	9.73	165	41354	6.10	ng	# 22
66) 4-Bromophenyl-phenylether	10.52	248	33550	4.66	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

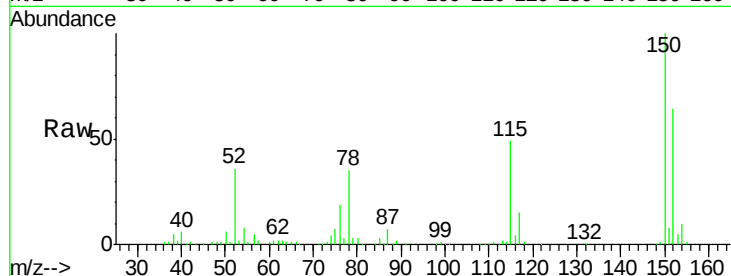
Tgt Ion:152 Resp: 180383

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

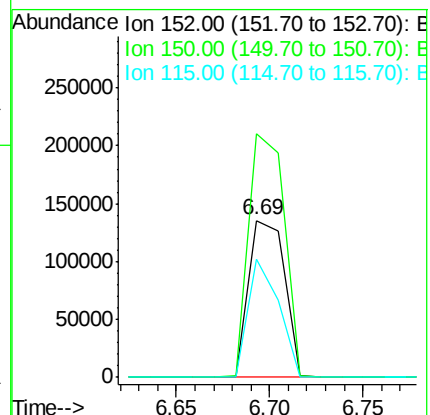
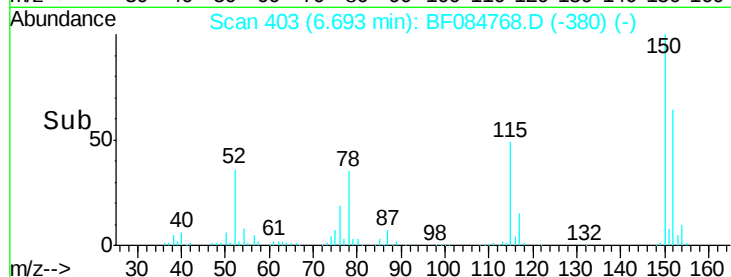
115 75.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 117.87 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

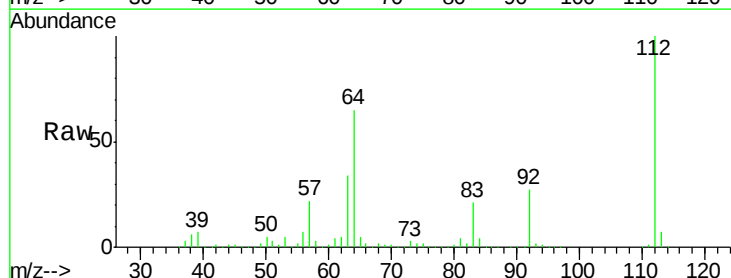
Tgt Ion:112 Resp: 1365000

Ion Ratio Lower Upper

112 100

64 65.0 36.6 55.0#

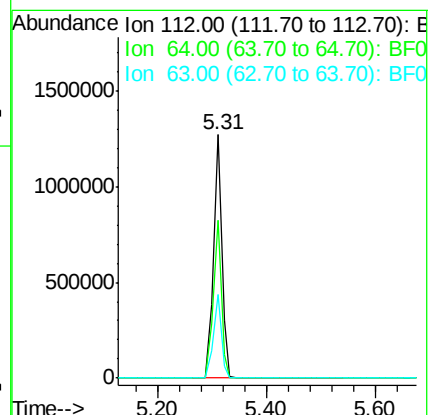
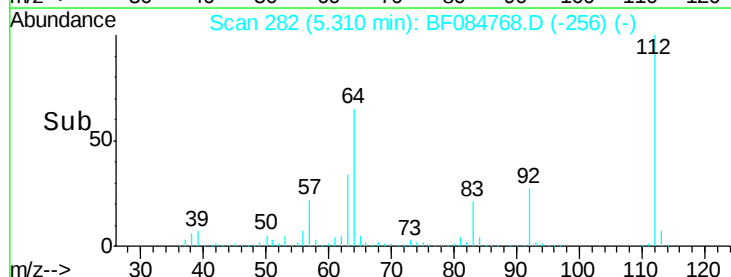
63 34.2 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.08 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

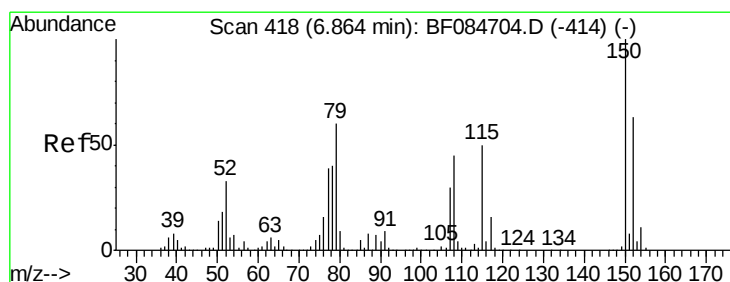
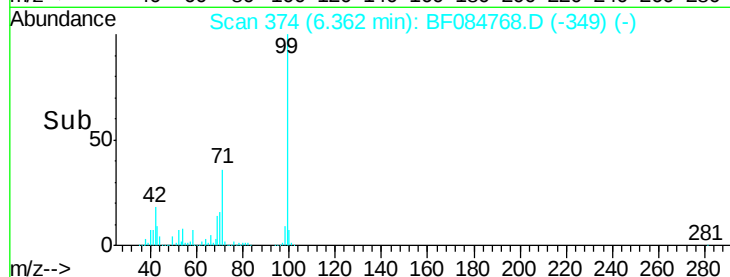
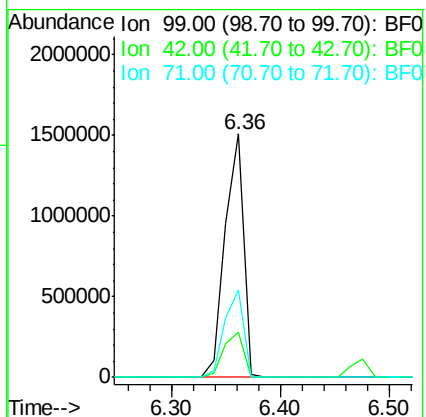
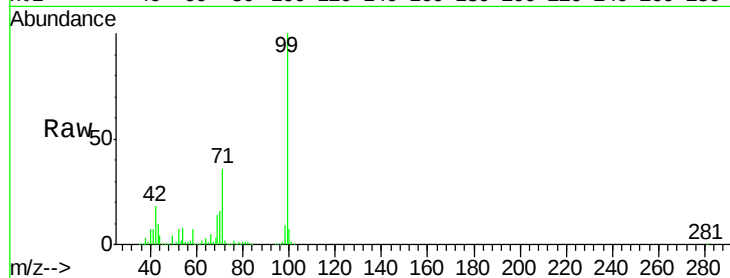
Tgt Ion: 99 Resp: 1781427

Ion Ratio Lower Upper

99 100

42 18.5 12.8 19.2

71 36.0 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

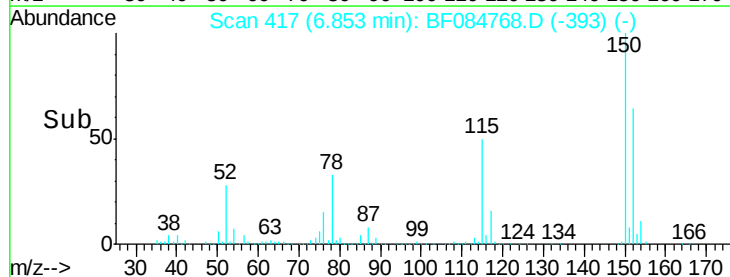
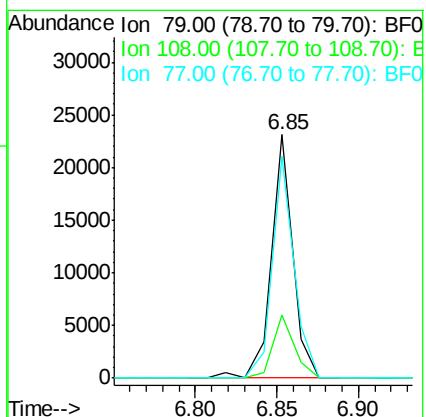
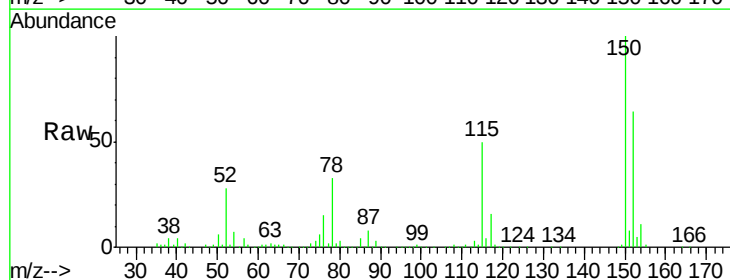
Tgt Ion: 79 Resp: 21147

Ion Ratio Lower Upper

79 100

108 25.7 69.0 103.4#

77 91.3 50.0 75.0#

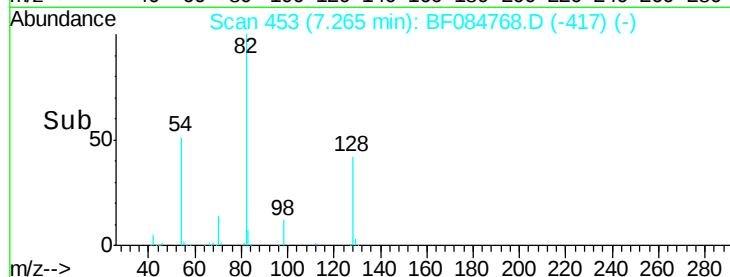
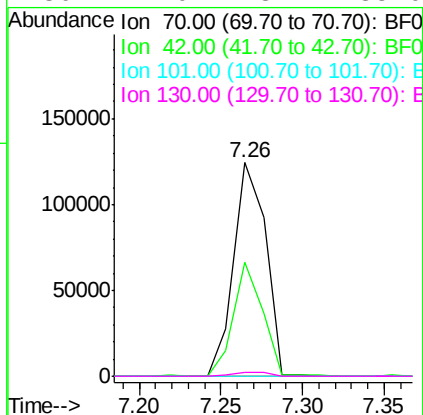
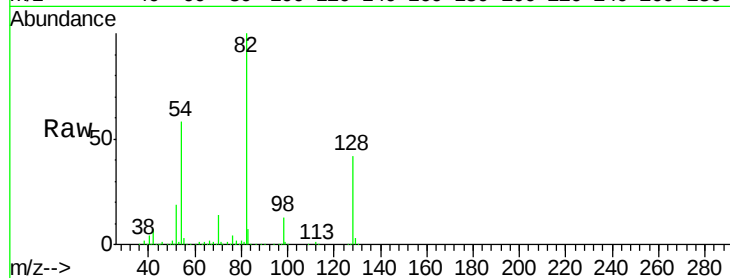




#19
n-Nitroso-di-n-propylamine
Concen: 18.73 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.11 min
Lab File: BF084768.D
Acq: 3 Feb 2016 2:59

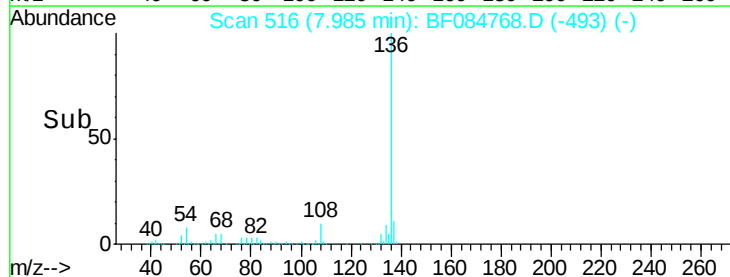
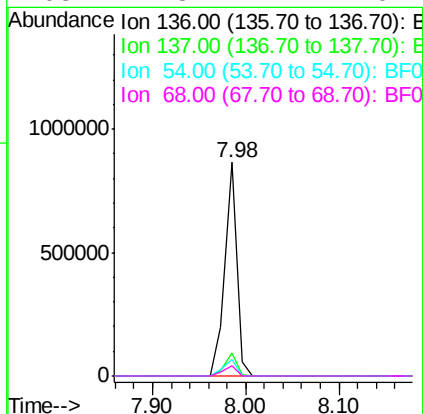
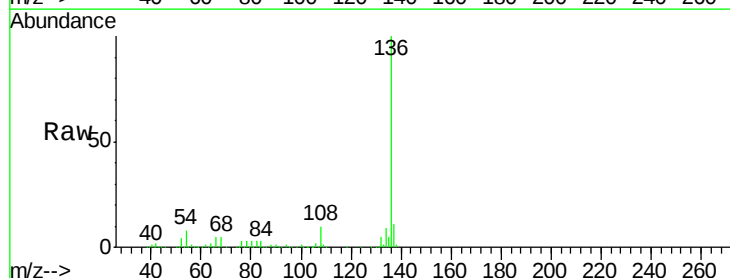
Instrument :
BNA_F
ClientSampleId :
SUP-B024(5-7)

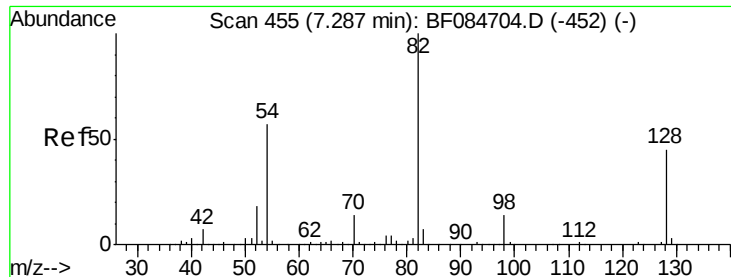
Tgt Ion: 70 Resp: 168584
Ion Ratio Lower Upper
70 100
42 53.3 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084768.D
Acq: 3 Feb 2016 2:59

Tgt Ion: 136 Resp: 772339
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.0 5.8 8.8
68 4.8 4.2 6.2

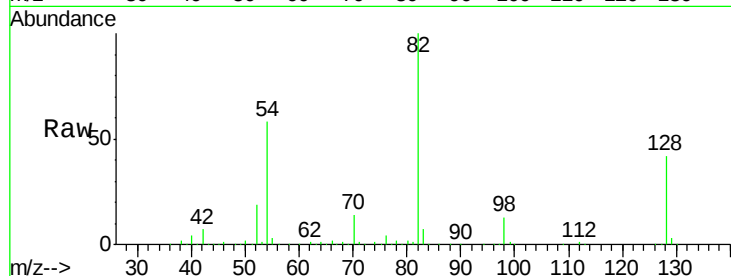




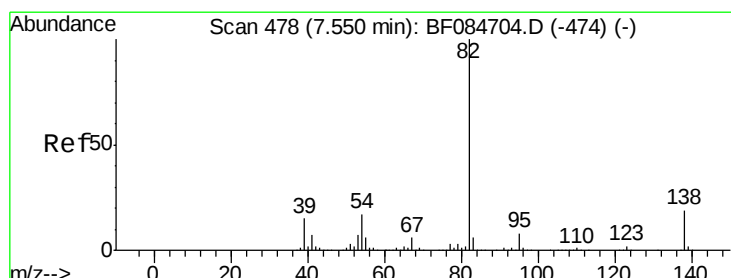
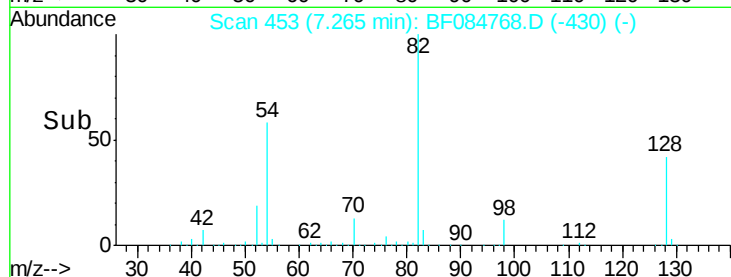
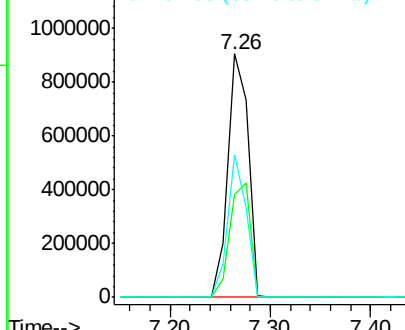
#23
Nitrobenzene-d5
Concen: 92.63 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF084768.D
Acq: 3 Feb 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SUP-B024(5-7)

Tgt Ion: 82 Resp: 1270037
Ion Ratio Lower Upper
82 100
128 42.1 34.6 51.8
54 58.4 38.4 57.6#

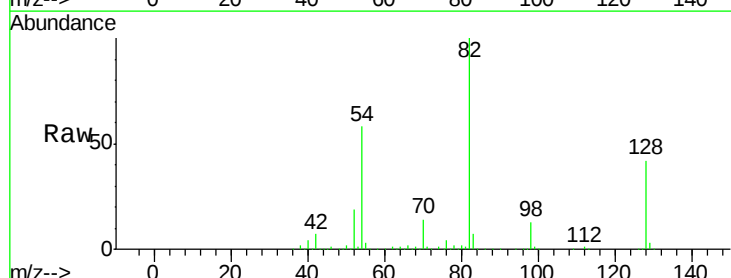


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

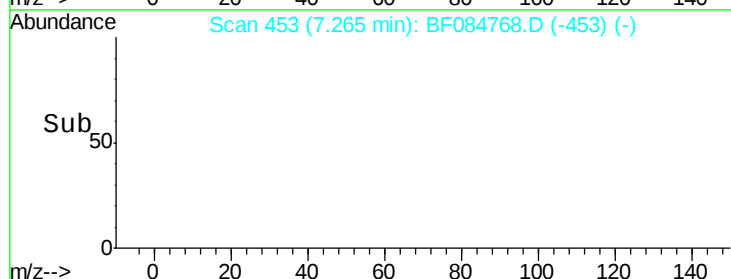
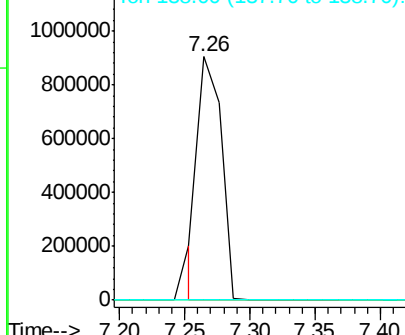


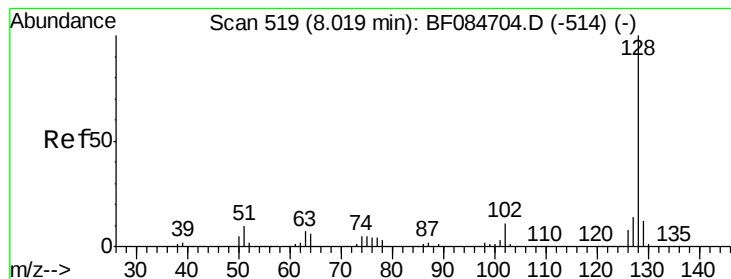
#25
Isophorone
Concen: 42.35 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.30 min
Lab File: BF084768.D
Acq: 3 Feb 2016 2:59

Tgt Ion: 82 Resp: 1128947
Ion Ratio Lower Upper
82 100
95 0.0 6.6 10.0#
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E





#31

Naphthalene

Concen: 5.97 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

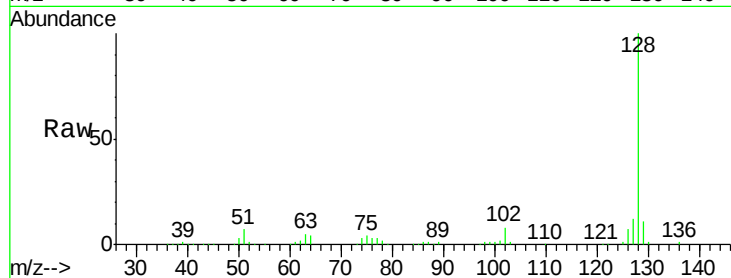
Tgt Ion:128 Resp: 231150

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

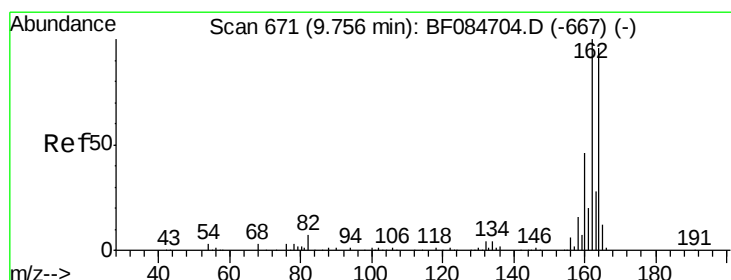
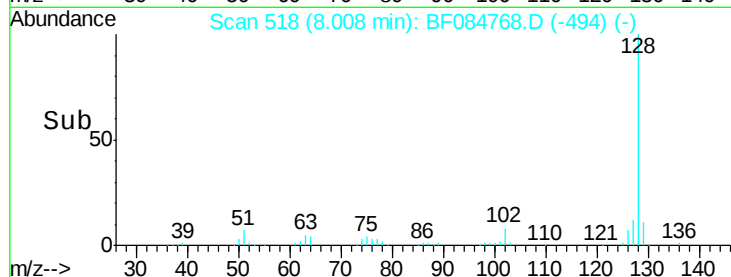
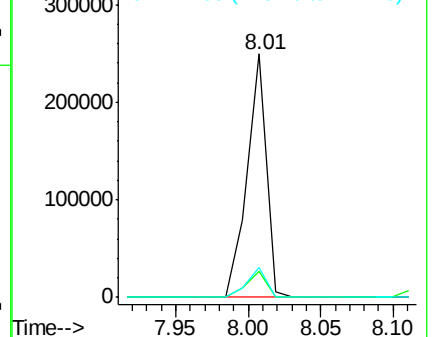
127 12.3 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

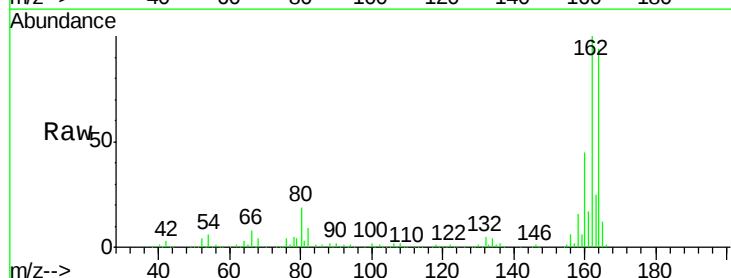
Tgt Ion:164 Resp: 319601

Ion Ratio Lower Upper

164 100

162 106.9 85.1 127.7

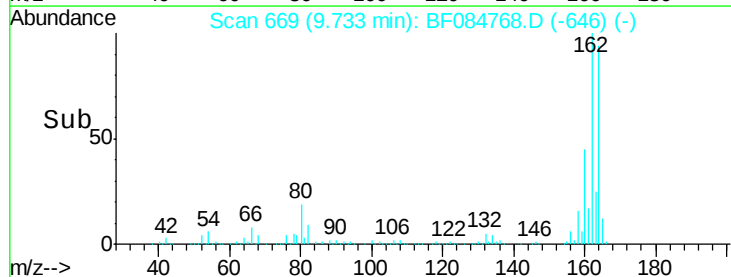
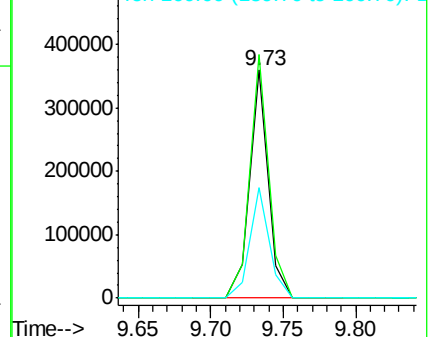
160 48.2 37.5 56.3

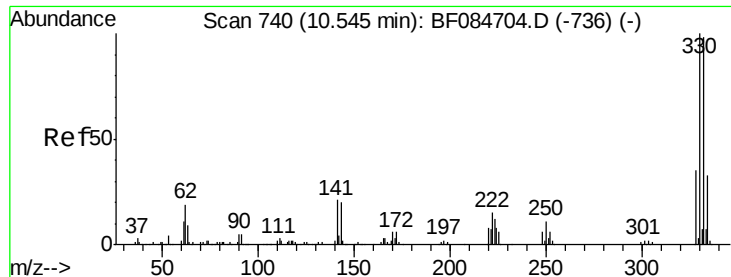


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

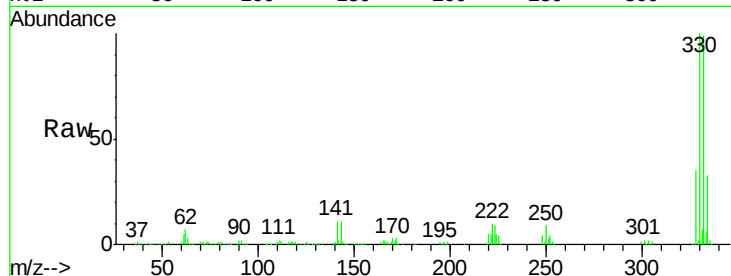




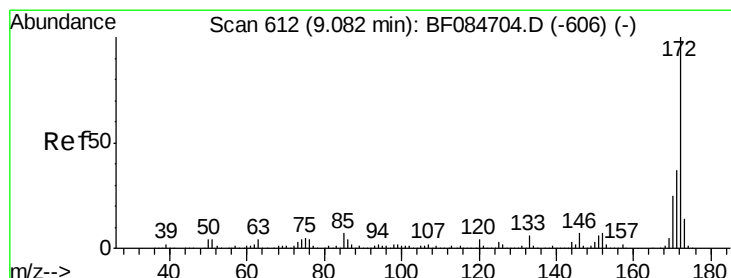
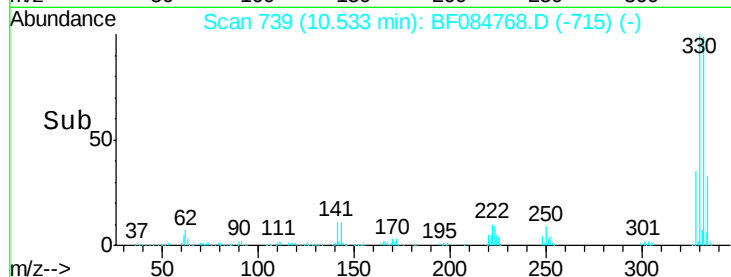
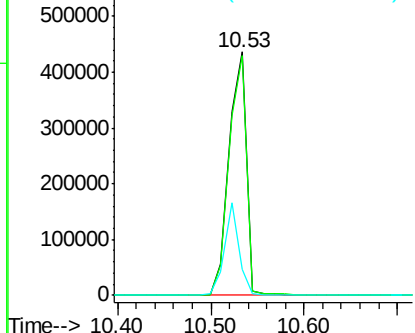
#41
 2,4,6-Tribromophenol
 Concen: 173.54 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084768.D
 Acq: 3 Feb 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B024(5-7)

Tgt Ion:330 Resp: 578516
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 31.4 27.8 41.6

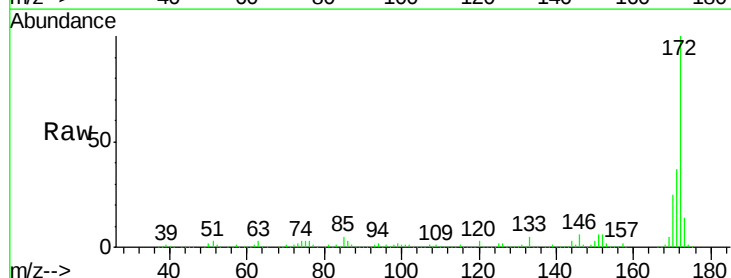


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

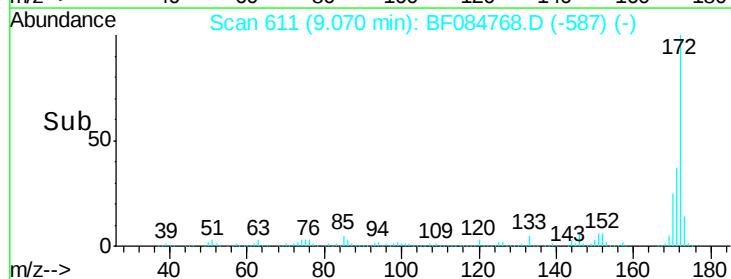
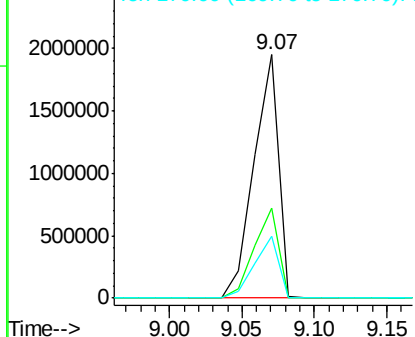


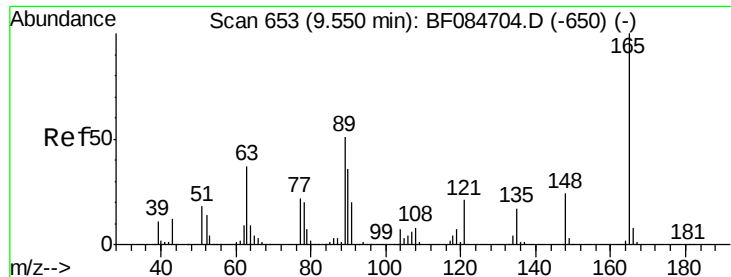
#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084768.D
 Acq: 3 Feb 2016 2:59

Tgt Ion:172 Resp: 2290757
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.5 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

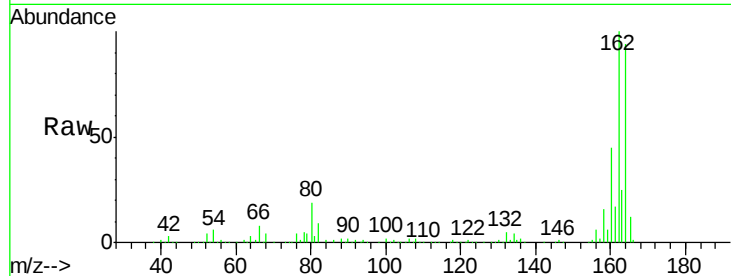




#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.17 min
 Lab File: BF084768.D
 Acq: 3 Feb 2016 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B024(5-7)

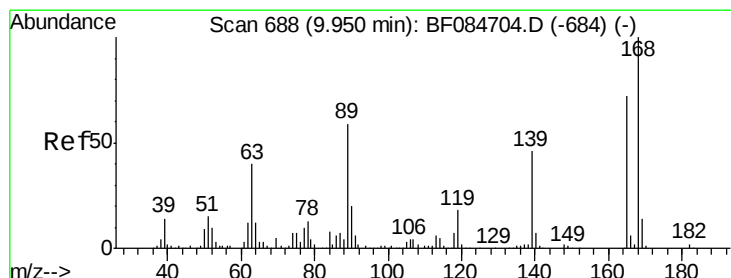
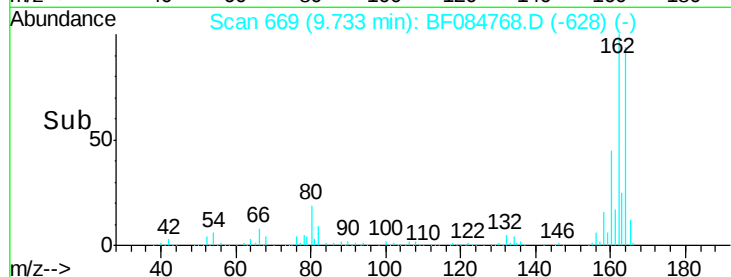
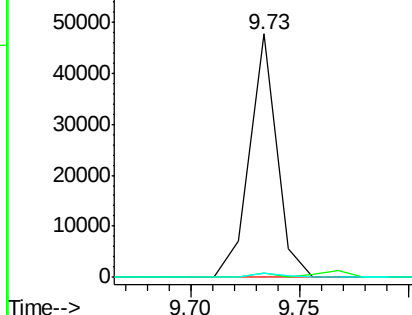
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	28.8	43.2#
89	1.9	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.23 min
 Lab File: BF084768.D
 Acq: 3 Feb 2016 2:59

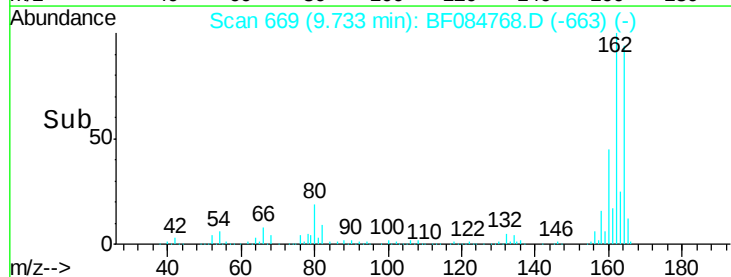
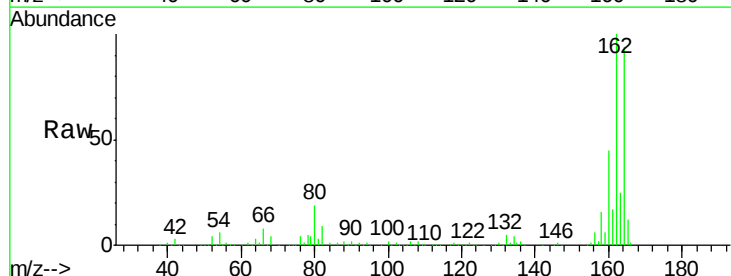
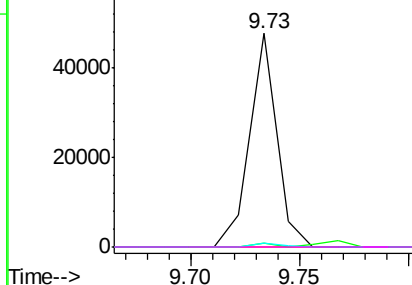
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.7	55.1#
89	1.9	61.9	92.9#
182	0.0	2.0	3.0#

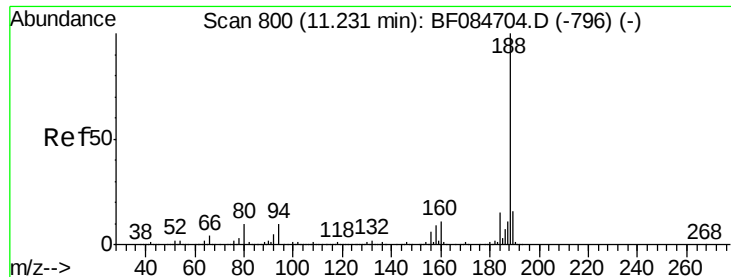
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

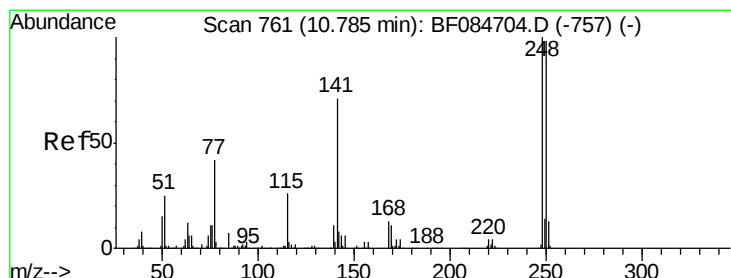
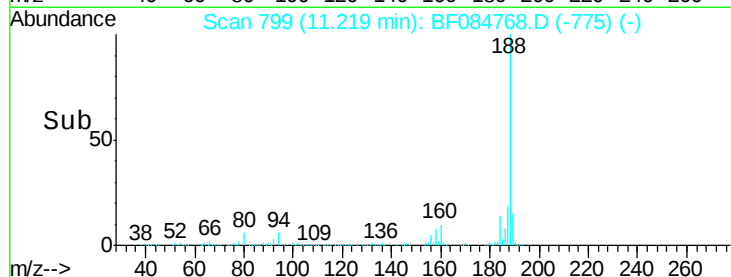
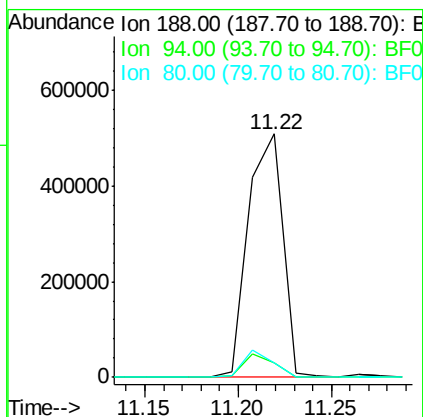
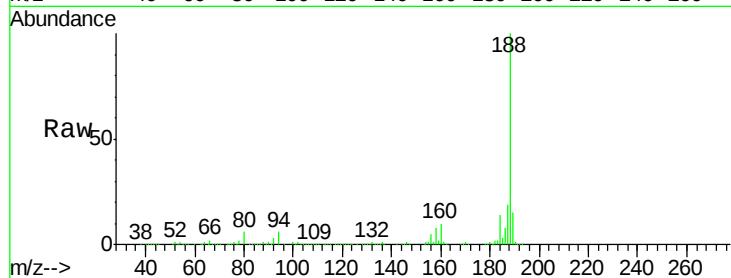




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084768.D
Acq: 3 Feb 2016 2:59

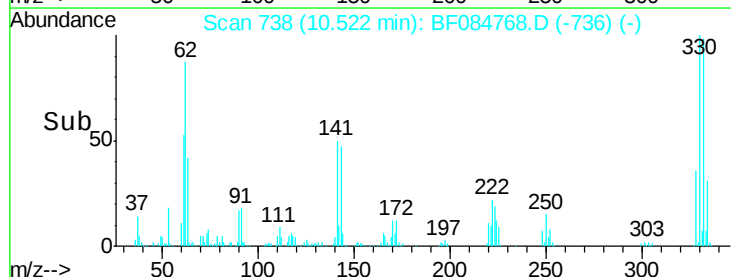
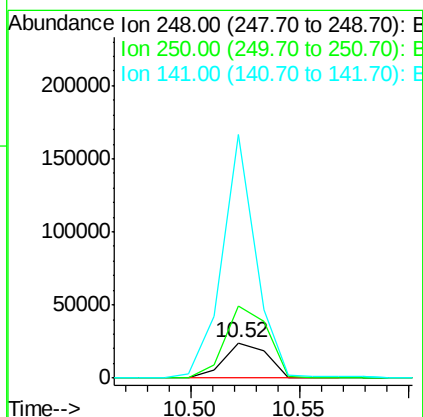
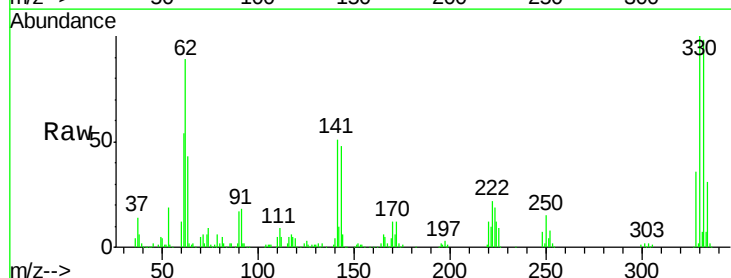
Instrument :
BNA_F
ClientSampleId :
SUP-B024(5-7)

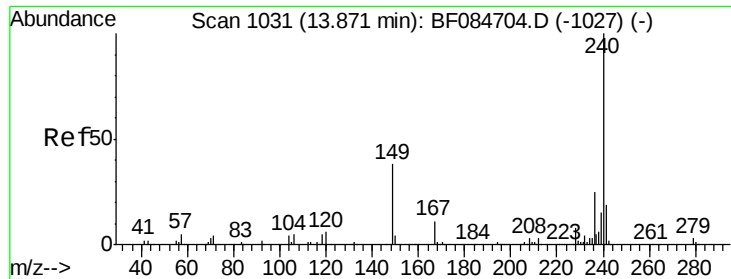
Tgt Ion:188 Resp: 652450
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 5.9 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.27 min
Lab File: BF084768.D
Acq: 3 Feb 2016 2:59

Tgt Ion:248 Resp: 33550
Ion Ratio Lower Upper
248 100
250 204.6 78.4 117.6#
141 687.0 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

Instrument :

BNA_F

ClientSampleId :

SUP-B024(5-7)

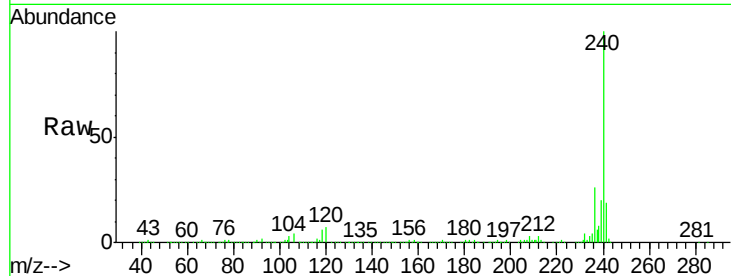
Tgt Ion:240 Resp: 460370

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

236 25.9 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

500000

400000

300000

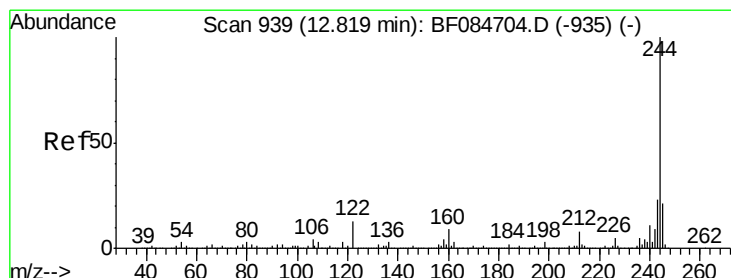
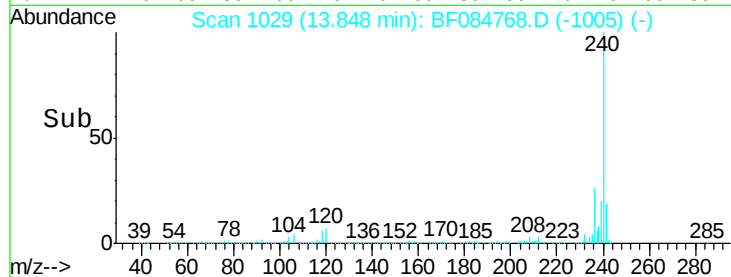
200000

100000

0

13.70 13.80 13.90 14.00

Time-->



#78

Terphenyl-d14

Concen: 100.21 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084768.D

Acq: 3 Feb 2016 2:59

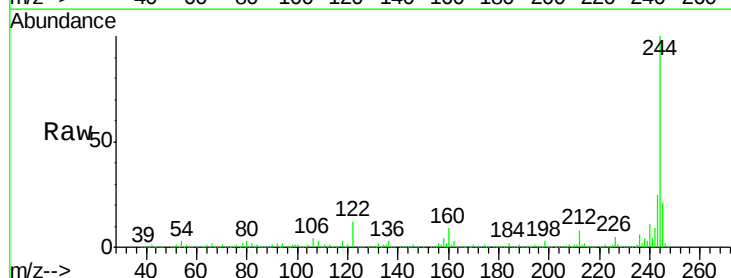
Tgt Ion:244 Resp: 2035940

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 12.2 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2500000

2000000

1500000

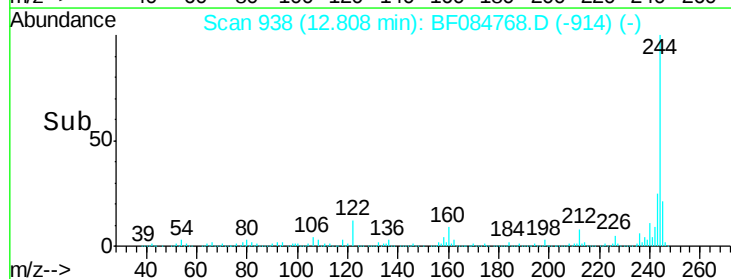
1000000

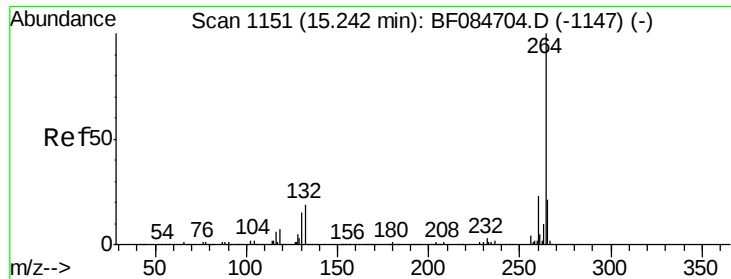
500000

0

12.80 13.00

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084768.D
Acq: 3 Feb 2016 2:59

Instrument :
BNA_F
ClientSampleId :
SUP-B024(5-7)

Tgt Ion: 264 Resp: 122278
Ion Ratio Lower Upper
264 100
260 27.4 19.4 29.2
265 19.8 17.8 26.6

